

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/535,690
Source: DFWO
Date Processed by STIC: 09/01/2006

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 09/01/2006

PATENT APPLICATION: US/10/535,690

TIME: 10:22:09

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\09012006\J535690.raw

```

4 <110> APPLICANT: Hasegawa, Masaichi
5     TANG, Jun
6     SATO, Hideyuki
8 <120> TITLE OF INVENTION: NOVEL CHEMICAL COMPOUNDS
11 <130> FILE REFERENCE: TC00001
13 <140> CURRENT APPLICATION NUMBER: 10/535,690
14 <141> CURRENT FILING DATE: 2005-05-19
16 <150> PRIOR APPLICATION NUMBER: PCT/US2003/037658
17 <151> PRIOR FILING DATE: 2003-11-18
19 <150> PRIOR APPLICATION NUMBER: 60/428,384
20 <151> PRIOR FILING DATE: 2002-11-22
22 <160> NUMBER OF SEQ ID NOS: 2
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 16
28 <212> TYPE: PRT
29 <213> ORGANISM: bovine
31 <400> SEQUENCE: 1
32 Leu Gly Gly Arg Asp Ser Arg Ala Gly Ser Pro Met Ala Arg Arg His
33 1           5           10           15
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 588
38 <212> TYPE: PRT
39 <213> ORGANISM: human
41 <400> SEQUENCE: 2
42 Met Gly Gly Thr Ala Arg Gly Pro Gly Arg Lys Asp Ala Gly Pro Pro
43 1           5           10           15
44 Gly Ala Gly Leu Pro Pro Gln Gln Arg Arg Leu Gly Asp Gly Val Tyr
45           20           25           30
46 Asp Thr Phe Met Met Ile Asp Glu Thr Lys Cys Pro Pro Cys Ser Asn
47           35           40           45
48 Val Leu Cys Asn Pro Ser Glu Pro Pro Pro Pro Arg Arg Leu Asn Met
49           50           55           60
50 Thr Thr Glu Gln Phe Thr Gly Asp His Thr Gln His Phe Leu Asp Gly
51 65           70           75           80
52 Gly Glu Met Lys Val Glu Gln Leu Phe Gln Glu Phe Gly Asn Arg Lys
53           85           90           95
54 Ser Asn Thr Ile Gln Ser Asp Gly Ile Ser Asp Ser Glu Lys Cys Ser
55           100          105          110
56 Pro Thr Val Ser Gln Gly Lys Ser Ser Asp Cys Leu Asn Thr Val Lys
57           115          120          125
58 Ser Asn Ser Ser Ser Lys Ala Pro Lys Val Val Pro Leu Thr Pro Glu
59           130          135          140

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60 Gln Ala Leu Lys Gln Tyr Lys His His Leu Thr Ala Tyr Glu Lys Leu
61 145 150 155 160
62 Glu Ile Ile Asn Tyr Pro Glu Ile Tyr Phe Val Gly Pro Asn Ala Lys
63 165 170 175
64 Lys Arg His Gly Val Ile Gly Gly Pro Asn Asn Gly Gly Tyr Asp Asp
65 180 185 190
66 Ala Asp Gly Ala Tyr Ile His Val Pro Arg Asp His Leu Ala Tyr Arg
67 195 200 205
68 Tyr Glu Val Leu Lys Ile Ile Gly Lys Gly Ser Phe Gly Gln Val Ala
69 210 215 220
70 Arg Val Tyr Asp His Lys Leu Arg Gln Tyr Val Ala Leu Lys Met Val
71 225 230 235 240
72 Arg Asn Glu Lys Arg Phe His Arg Gln Ala Ala Glu Glu Ile Arg Ile
73 245 250 255
74 Leu Glu His Leu Lys Lys Gln Asp Lys Thr Gly Ser Met Asn Val Ile
75 260 265 270
76 His Met Leu Glu Ser Phe Thr Phe Arg Asn His Val Cys Met Ala Phe
77 275 280 285
78 Glu Leu Leu Ser Ile Asp Leu Tyr Glu Leu Ile Lys Lys Asn Lys Phe
79 290 295 300
80 Gln Gly Phe Ser Val Gln Leu Val Arg Lys Phe Ala Gln Ser Ile Leu
81 305 310 315 320
82 Gln Ser Leu Asp Ala Leu His Lys Asn Lys Ile Ile His Cys Asp Leu
83 325 330 335
84 Lys Pro Glu Asn Ile Leu Leu Lys His His Gly Arg Ser Ser Thr Lys
85 340 345 350
86 Val Ile Asp Phe Gly Ser Ser Cys Phe Glu Tyr Gln Lys Leu Tyr Thr
87 355 360 365
88 Tyr Ile Gln Ser Arg Phe Tyr Arg Ala Pro Glu Ile Ile Leu Gly Ser
89 370 375 380
90 Arg Tyr Ser Thr Pro Ile Asp Ile Trp Ser Phe Gly Cys Ile Leu Ala
91 385 390 395 400
92 Glu Leu Leu Thr Gly Gln Pro Leu Phe Pro Gly Glu Asp Glu Gly Asp
93 405 410 415
94 Gln Leu Ala Cys Met Met Glu Leu Leu Gly Met Pro Pro Pro Lys Leu
95 420 425 430
96 Leu Glu Gln Ser Lys Arg Ala Lys Tyr Phe Ile Asn Ser Lys Gly Ile
97 435 440 445
98 Pro Arg Tyr Cys Ser Val Thr Thr Gln Ala Asp Gly Arg Val Val Leu
99 450 455 460
100 Val Gly Gly Arg Ser Arg Arg Gly Lys Lys Arg Gly Pro Pro Gly Ser
101 465 470 475 480
102 Lys Asp Trp Gly Thr Ala Leu Lys Gly Cys Asp Asp Tyr Leu Phe Ile
103 485 490 495
104 Glu Phe Leu Lys Arg Cys Leu His Trp Asp Pro Ser Ala Arg Leu Thr
105 500 505 510
106 Pro Ala Gln Ala Leu Arg His Pro Trp Ile Ser Lys Ser Val Pro Arg
107 515 520 525
108 Pro Leu Thr Thr Ile Asp Lys Val Ser Gly Lys Arg Val Val Asn Pro

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109	530	535	540
110	Ala Ser Ala Phe Gln Gly Leu Gly Ser Lys Leu Pro Pro Val Val Gly		
111	545	550	555
112	Ile Ala Asn Lys Leu Lys Ala Asn Leu Met Ser Glu Thr Asn Gly Ser		
113	565	570	575
114	Ile Pro Leu Cys Ser Val Leu Pro Lys Leu Ile Ser		
115	580	585	

VERIFICATION SUMMARY

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